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Statement on : immunocomponent cells storage for deferred used.

I declare on my honor that the invention and its claims, as described and filed in 2000, was not obvious and was unknown to medical professional such as MD, PhD and research Scientists. It was not obvious, particularly to determine and define the parameters for deferred uses for stored immuno-competent cells of a healthy individual. At that time, parameters to define or trigger a re-infusion of immuno-competent stored cells were not available. Parameters supporting the need for storage such as immune repertoire, longitudinal immune data of healthy patients, comparison data between stored cells status and patient health status were not known or obvious. These were known as medical parameters but not linked to an information required for stored cells of healthy patients. For instance, parameters to trigger ex-vivo treatment, such as an ex-vivo vaccine using personalized stored cells, more specifically autologous patient white blood cells were not known or obvious even to an MD using an expert system in oncology or an expert system for medical diagnostics. Parameters linked to healthy immune cells, and longitudinal parameters to be captured during the lifetime of a patient, were not obvious even after looking at the content described in the Lefesvre patent.

Pr. Dominique CHARRON